PUBLIC NOTICE

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Report No. SAT-00164 **Friday September 12, 2003**

POLICY BRANCH INFORMATION

Satellite Space Applications Accepted for Filing

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

SAT-AMD-20030827-00241 E S2317 The Boeing Company

Date Filed: 08/27/2003 00:08:20:92300

Amendment

The Boeing Company has filed an amendment to its pending application for modification of its Mobile-Satellite Service system license. (See File No. SAT-MOD-20030711-00128). The amendment requests access to additional feeder link spectrum.
Boeing is authorized to launch and operate a 2 GHz MSS system using 125 MHz of paired spectrum in the Planned Ku-band (10.7-10.95 GHz and 11.2-11.45 GHz downlink bands and 12.75-13.25 GHz uplink bands) for its feeder links and telemetry, tracking and control (TT&C). With this amendment, Boeing proposes to use up to an additional 335 MHz of paired spectrum in the Planned Ku-band for its feeder links and TT&C.

SAT-LOA-20030827-00169 E S2482 Pegasus Development Corporation

Date Filed: 08/27/2003 00:00:01:88300

Launch and Operating Authority

Pegasus Development Corporation ("Pegasus") has filed an application to launch and operate a Geostationary Orbit Fixed-Satellite Service ("GSO FSS") system operating in the Ka band at the 79°W orbital location. The satellite system will provide a broad range of multimedia services, including video and data transmissions.

The satellite will operate in the entire 1000 MHz of Ka-band spectrum allocated to GSO FSS (i.e. in the 18.3 - 18.8 GHz and 19.7 - 20.2 GHz bands for downlinks and in the 28.35 - 28.6 GHz and 29.25 - 30.0 GHz bands for uplinks). The 1,000 MHz of spectrum is divided into four 250 MHz segments, thereby providing eight 250 MHz uplink-downlink paths, 4 on each of two circular polarizations. Fifty-four co-axial uplink downlink spot beams (split between the two satellites), two CONUS coverage downlink beams (one on each satellite), and two CONUS coverage uplink beams (one on each satellite) will provide coverage of CONUS. Of the 1,000 MHz allocation, one 250 MHz segment will be assigned to CONUS beams and three 250 MHz segments will be assigned to the spot beams. The TT&C system will operate in the Ka-band using omni-directional and higher gain antennas.

The 18 GHz band is shared on a co-primary basis with terrestrial Fixed Services until the sunset dates (the year 2010 for the 18.58 - 18.8 GHz band and the year 2012 for the 18.3 - 18.58 GHz band). Portions of the 29 GHz band are shared on a co-primary basis with the Mobile Satellite Service ("MSS") and terrestrial FS.

SAT-LOA-20030827-00171 E S2484 Pegasus Development Corporation

Date Filed: 08/27/2003 00:00:01:18300

Launch and Operating Authority

Pegasus Development Corporation ("Pegasus") has filed an application to launch and operate a Geostationary Orbit Fixed-Satellite Service ("GSO FSS") system operating in the Ka band at the 87° W orbital location. The satellite system will provide a broad range of multimedia services, including video and data transmissions.

The satellite will operate in the entire 1000 MHz of Ka- band spectrum allocated to GSO FSS (i.e. in the 18.3 - 18.8 GHz and 19.7 - 20.2 GHz bands for downlinks and in the 28.35 - 28.6 GHz and 29.25 - 30.0 GHz bands for uplinks). The 1,000 MHz of spectrum is divided into four 250 MHz segments, thereby providing eight 250 MHz uplink-downlink paths, 4 on each of two circular polarizations. Fifty-four co-axial uplink-downlink spot beams (split between the two satellites), two CONUS coverage downlink beams (one on each satellite), and two CONUS coverage uplink beams (one on each satellite) will provide coverage of CONUS. Of the 1,000 MHz allocation, one 250 MHz segment will be assigned to CONUS beams and three 250 MHz segments will be assigned to the spot beams. The TT&C system will operate in the Ka-band using omni-directional and higher gain antennas.

The 18 GHz band is shared on a co-primary basis with terrestrial Fixed Services until the sunset dates (the year 2010 for the 18.58 - 18.8 GHz band and the year 2012 for the 18.3 - 18.58 GHz band). Portions of the 29 GHz band are shared on a co-primary basis with the Mobile Satellite Service ("MSS") and terrestrial FS.

SAT-LOA-20030827-00172 E S2485 Rainbow DBS Company LLC

Date Filed: 08/27/2003 00:00:02:77600

Launch and Operating Authority

Rainbow DBS Company LLC ("Rainbow DBS") has filed an application for authority to construct, launch, and operate a geostationary satellite-orbit ("GSO") satellite - Rainbow KA 1 - at 62° W.L. using Ka-band frequencies. Specifically, the satellite will operate in the 18.3-18.8 GHz and 19.7-20.2 GHz for space-to-Earth transmissions and 28.35-28.6 GHz and 29.25-30.0 GHz for Earth-to-space transmissions. The proposed service offerings include: interactive data and video applications; secure, streaming, switched video applications; and broadband data services. Rainbow DBS proposes to provide service in all 50 states of the United States as well as the southern tier of Canada and parts of Mexico.

SAT-LOA-20030827-00173 E S2486 Rainbow DBS Company LLC

Date Filed: 08/27/2003 00:00:03:78000

Launch and Operating Authority

Rainbow DBS Company LLC ("Rainbow DBS") has filed an application for authority to construct, launch, and operate a geostationary satellite-orbit ("GSO") satellite - Rainbow Ka 3 - at 87° W.L using Ka-band frequencies. Specifically, the satellite will operate in the 18.3-18.8 GHz and 19.7-20.2 GHz for space-to-Earth transmissions and 28.35-28.6 GHz and 29.25-30.0 GHz for Earth-to-space transmissions. The proposed service offerings include: interactive data and video applications; secure, streaming, switched video applications; and broadband data services. Rainbow DBS proposes to provide service in all 50 states of the United States as well as the southern tier of Canada and parts of Mexico.

SAT-LOA-20030827-00174 E S2487 Mobile Satellite Ventures Subsidiary LLC

Date Filed: 08/27/2003 00:00:01:03300

Launch and Operating Authority

Mobile Satellite Ventures Subsidiary LLC ("MSV") has filed an application to launch and operate a satellite at 82 W.L. to provide Mobile Satellite Service ("MSS") in the L-band (1626.5-1660.5 MHz, 1525-1559 MHz) to South America. The proposed satellite will use the planned Ku-band for feeder links (10.7-10.95 GHz, 11.2-11.45 GHz bands (space-to-Earth) and 12.75-13.25 GHz bands (Earth-to-space)). Services are proposed on a common carrier basis. To the extent necessary, MSV requests a waiver of Footnote NG104 of Section 2.106 of the Commission's rules to enable MSV to use the planned Ku-band frequencies for feeder links and Telemetry, Tracking and Control of this proposed satellite. MSV proposes to provide digital voice and packet-switched data services and will offer point-to-point and point-to-multipoint services. The satellites are designed to provide a variety of ground-commanded, configurable antenna beam sizes and locations. Services are proposed on a common carrier basis.

SAT-LOA-20030827-00175 E S2488 Rainbow DBS Company LLC

Date Filed: 08/27/2003 00:00:03:96300

Launch and Operating Authority

Rainbow DBS Company LLC ("Rainbow DBS") has filed an application for authority to construct, launch, and operate a geostationary satellite-orbit ("GSO") satellite - Rainbow KA 4 - at 71° W.L. using Ka-band frequencies. Specifically, the satellite will operate in the 18.3-18.8 GHz and 19.7-20.2 GHz for space-to-Earth transmissions and 28.35-28.6 GHz and 29.25-30.0 GHz for Earth-to-space transmissions. The proposed service offerings include: interactive data and video applications; secure, streaming, switched video applications; and broadband data services. Rainbow DBS proposes to provide service in all 50 states of the United States as well as the southern tier of Canada and parts of Mexico.

SAT-LOA-20030827-00248 P S2554 Rainbow DBS Company LLC

Date Filed: 08/27/2003 00:00:02:77600

Launch and Operating Authority

Rainbow DBS Company LLC ("Rainbow DBS") has filed an application for authority to construct, launch, and operate a geostationary satellite-orbit ("GSO") satellite - Rainbow KA 2 - at 129° W.L. using Ka-band frequencies. Specifically, the satellite will operate in the 18.3-18.8 GHz and 19.7-20.2 GHz for space-to-Earth transmissions and 28.35-28.6 GHz and 29.25-30.0 GHz for Earth-to-space transmissions. The proposed service offerings include: interactive data and video applications; secure, streaming, switched video applications; and broadband data services. Rainbow DBS proposes to provide service in all 50 states of the United States as well as the southern tier of Canada and parts of Mexico.

SAT-LOA-20030827-00249 P S2555 Rainbow DBS Company LLC

Date Filed: 08/27/2003 00:00:03:96300

Launch and Operating Authority

Rainbow DBS Company LLC ("Rainbow DBS") has filed an application for authority to construct, launch, and operate a geostationary satellite-orbit ("GSO") satellite - Rainbow KA 5 - at 119° W.L using Ka-band frequencies. Specifically, the satellite will operate in the 18.3-18.8 GHz and 19.7-20.2 GHz for space-to-Earth transmissions and 28.35-28.6 GHz and 29.25-30.0 GHz for Earth-to-space transmissions. The proposed service offerings include: interactive data and video applications; secure, streaming, switched video applications; and broadband data services. Rainbow DBS proposes to provide service in all 50 states of the United States as well as the southern tier of Canada and parts of Mexico.

SAT-MOD-20030826-00166 E S2350 Pegasus Development Corporation

Date Filed: 08/26/2003 19:15:01:82000

Modification

Pegasus Development Corporation has filed an application for modification of its authorization to launch and operate a Ka-band Geostationary Orbit Fixed-Satellite Service system at the 117° W orbital location. Pegasus seeks reassignment of its satellite system authorized at the 117° W orbital location to the 87° W orbital location and to modify the technical parameters of those satellites. Pegasus also requests an extension of its construction commencement milestone for satellites at this orbital location until one year after grant of the reassignment, or in the alternative, a waiver of the milestone requirement. If the Commission denies the milestone extension and waiver request, Pegasus asks that the Commission accept Pegasus' surrender of its authorization at the 117° W orbital location, rather than revoking Pegasus' authorization.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 202-418-2555.